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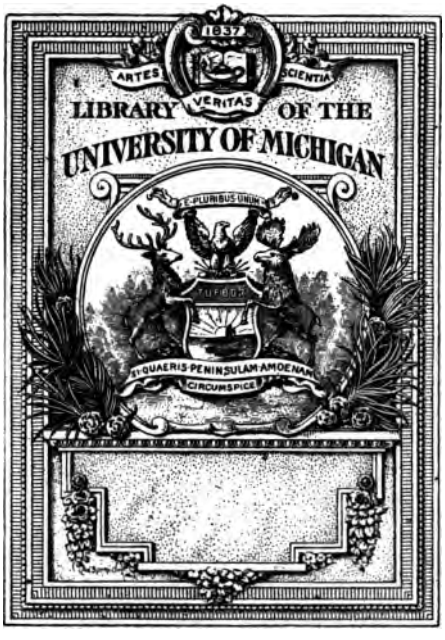
OUTLINES FOR APPLIED AND ABNORMAL PSYCHOLOGY

BY

H. L. HOLLINGWORTH, Ph.D.

ASSISTANT PROFESSOR OF PSYCHOLOGY,
COLUMBIA UNIVERSITY

NEW YORK
A. G. SEILER
1914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Part I

APPLIED PSYCHOLOGY

OUTLINE FOR APPLIED PSYCHOLOGY

I—HISTORY OF APPLIED PSYCHOLOGY:

1—Psychology and Education—Froebel, Herbart, Rousseau, etc.
2—Individual Differences—Galton, Cattell, Binet, Stern, etc.
3—Psychology and Medicine—Bernheim, Charcot, Janet, Seguin, Freud, etc.
4—Criminal Psychology—Lombroso, Kraft-Ebbing, Ellis, Gross, etc.
5—Social Psychology—Tarde, Ward, Wundt, etc.
6—Industrial Psychology—Gale, Scott, Muensterberg, Gilbreth, etc.
7—Conditions of Efficiency—Cattell, Kraepelin, Mosso, Thorndike, etc.
8—Recent Work and Present Tendencies. Psycho-technics.

II—PROBLEMS AND METHODS OF APPLIED PSYCHOLOGY:

1—Direct Application of Generalizations and Content. Instances.
2—Utilization of Technique, Attitude and Methods. Instances.
3—The Future of Applied Psychology. Psychological Experts and Engineers.

III—PSYCHOLOGY OF ADVERTISING AND SELLING:

1—The History and Economic Rôle of Advertising.
2—Measuring the Strength of Appeals in Business.
3—The Nervous Basis of Mental Processes.
4—Analysis of Tasks and Media of Advertising and Selling.
5—Methods of Securing Attention and Interest.
6—The Mechanical Incentives and their Laws and Values.
7—The Interest Incentives, their Laws and Values.
8—Methods of Holding the Reader's Attention.
9—Feeling Tone of Form and Content of Copy.
10—Fixing the Impression in the Reader's Mind.
11—Provoking the Response.
12—Relative Strength of Instincts and Interests.
13—Experimental Measurement of Specific Appeals.
14—Sex and Class Differences of Interest in Business.
15—How the Business Man can Utilize the Psychologist.

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IV—PSYCHOLOGY AND INDUSTRY:

1—Vocational Psychology.—Analyses, Surveys, and Vocational Tests.

2—Personal Factors in Industrial Management.—Efficiency Engineering. Individuality, Functionalization, Measurement, Standardization, Routing, Incentives, Records and Programs, Rewards, Welfare, etc.

3—Motion Study and Time Measurement of Special Industrial Processes.—Analysis, Selection and Elimination of Useless Movements, Methods.

4—Psychology and Household Efficiency.—Psychological and Social Factors.

V—PSYCHOLOGY OF PERSONAL EFFICIENCY:

1—Methods of Measuring Mental and Motor Work.

2—Learning a New Performance, Practise and Learning Curves, Conditions of Improvement, Plateaus and their Meaning, Methods of Acquiring Skill, Individual Differences.

3—Continued Work at Perfected Performance—Conditions of Efficiency, Economical Distribution of Effort, Periodicity, Rhythm, Work Habits, Influence of Drugs, Dynamogeny, Interference, Fatigue, Inhibition, Bahnung, Spurts, Suggestion, Incentive and Purpose.

4—Retaining Acquired Skill—Memory and its Laws, Rate of Learning, Methods of Memorizing, Forgetting, Diseases of Memory.

5—Sleep—Its Nature, Causes and Hygiene.

6—Psychopathology of Daily Life.

7—Some Mechanisms of Conduct and Thought.

VI—PSYCHOLOGY AND LAW:

1—Evaluation of Testimony—Need for Scientific Study of Testimony, History of Evidence, Types of Observers, Sources of Error, Experimental Measurements of Validity, Coefficients of Accuracy, General and Special Studies, "Aussage" Experiments, the Confession, Effects of Practise, Methods, Sex, Age, Intelligence, Time, Contents, Type and Suggestion, on Accuracy and Range of Report.

2—Methods of Obtaining Evidence—"Tatbestandsdiagnostik," Psychanalysis, Galvanometric and Other Reflexes, Methods of Expression, the Third Degree, Experimental Demonstrations.

3—Determination of Responsibility—Criminal Tendencies and Types, Perversions, Delinquency and Defectiveness, Detection of Feeble-Mindedness and Insanity, Suggestion and Hypnotism, Mob Psychology.

4—Adaptation of Corrective Measures—Treatment of Criminals, Methods of Prevention, Reform and Punishment.

VII—PSYCHOLOGY AND MEDICINE:

1—Relations of the Two Subjects. Organic and Functional Disorders.
2—Psychological Researches on Patients—Methods and Results, Normal Types and Range of Variation, Efficiency of Treatment.
3—Psychological Studies of Effects of Drugs—Psychological Technique, Standardization of Tests, Sources of Error, Typical Results and their Interpretation.
4—Psychanalysis and Similar Methods of Diagnosing Functional Disorders.
5—Psychotherapy—Methods, Results and Implications, Suggestion, Hypnotism, Catharsis, Reëducation, etc.
6—Determination of Organic Conditions of Efficiency—Medical Fallacies, Clinical Generalizations, and Experimental Results.
7—Psychological Clinics, Psychopathology, Orthogenics, etc.
8—Psychology in the Medical Curriculum, Past and Present.

VIII—PSYCHOLOGY AND EDUCATION:

1—Psychology of Special School Subjects (Special Papers).
2—Quantitative Measurements of School Progress, Scales and Tests.
3—Diagnosis and Treatment of Defective and Retarded Children.
4—Tests of Intelligence, their Development, Nature and Application.
5—Psychology and the Curriculum (Special Papers).
6—Psychology of Life Periods (Special Papers).
7—Pedagogical Lessons from Animal Psychology (Special Papers).
8—Pedagogical Lessons from Social Psychology (Special Papers).

IX—INDIVIDUAL PSYCHOLOGY:

1—Measurement and Distribution of Individual Differences.
2—Nature and Amount of Individual Differences.
3—Correlations of Mental Abilities and Traits.
4—Mental Species and Types.
5—Influence of Age, Sex, Race, Environment, and Ancestry.
6—Causes of Individual Differences—Heredity, Training, etc.
7—Changes in Individual Differences.
8—Intensive Studies of Individuals (Psychography).
9—The Genius and the Prodigy.
10—The Defective and the Insane.
11—The Types, Causes and Treatment of Insanity.

APPLIED PSYCHOLOGY

TOPICS FOR SPECIAL PAPERS

I—PSYCHOLOGY, BUSINESS AND INDUSTRY:

Psychology of Business Correspondence
Psychology of Trade Marks
Illegal Imitation and Its Psychology
Psychology of the Coupon
What Men and Women Buy
Psychology of Window Display
Motion Study in Business
Occupational Analysis
Tests for Vocational Fitness
Day Work and Piece Work
Psychology in Scientific Management

II—PSYCHOLOGY OF SKILL AND EFFICIENCY:

Influence of Weather and Climate
Psychopathology of Daily Life
Psychology of Industrial Accidents
Psychology in Scientific Management
Efficiency and Sleep
Increasing Efficiency of Memory
Economic Distribution of Work and Rest Periods
Psychology of "Second Breath"
Useless Motion in Industry
Interference of Habits
Dynamogeny
Rhythm and Work
Meaning of Plateaus in Learning
Influence of Drugs on Efficiency
The Nature of Physical Fatigue
The Nature of Mental Fatigue
Transfer of Training
Psychology and Household Efficiency

III—PSYCHOLOGY AND LAW:

Constant Errors of Observation
The Juvenile Offender and Psychology
Suggestion and Crime
Crime and Feeble-mindedness
Normal Criminal Tendencies
Psychology of the "Gang"
The Third Degree and Its Psychology
Age and Sex of the Witness
The Value of the Confession
Psychology of Punishment
Value of "Tatbestandsdiagnostik"

IV—PSYCHOLOGY AND MEDICINE:

Therapeutic Value of Hypnotism
Other Psychotherapeutic Methods than Hypnotism
History of Hypnotism
Functional and Organic Disorders
Psychology of Stammering
Theory and Practise of Psychanalysis
Psychology and Pharmacology
Recent Progress in Pediatrics and Orthogenics
Eugenics and Psychology
The Psychological Clinic
Mental Causes of Physical Illness

V—INDIVIDUAL PSYCHOLOGY:

Correlations of Mental Abilities
Correlation of Physical and Mental Traits
Psychology and Vocational Guidance
Sex Differences in Mental Traits
Race Differences in Mental Traits
Some Recent Psychographs
Heredity of Mental Characteristics
Influence of Training on Individual Differences
Sex Differences in Interests
Insanity and Genius
Psychology of the Prodigy
The Existence of "General Intelligence"
Individual Differences in Suggestibility
The Doctrine of Temperaments
Psychological Significance of Infancy
The Psychology of Old Age
Infancy and Old Age in Various Species
The Recapitulation Theory

Psychological Atavisms and Vestiges
History of Mental Tests
Origin and Modifications of the Binet Tests
Results and Significance of the Binet Tests
Tests for Intelligence (other than Binet)
The Variability of the Sexes
Psychology of Eminent Women

VI—PSYCHOLOGY AND TEACHING:

The Culture Epoch Theory
Significance of Adolescence
Scales for Measuring School Progress
The Education of Mental Defectives
Psychology of Some Special School Subject
Psychology and the School Curriculum
The Montessori Methods
Psychology of the Printed Page
The Laws of Suggestion in Teaching
Psychology of Habit Formation
Pedagogical Lessons from Animal Psychology
Pedagogical Applications of Social Psychology
School Standing and Later Achievement
School Standing and Mental Tests
Psychology of Play
Accuracy of Observation in Children
The Interests of Children
Origin, Meaning and Sequence of Instincts
Causes and Symptoms of Mental Deficiency

GENERAL REFERENCES ON APPLIED PSYCHOLOGY

(Consult Instructor for Literature on Special Topics)

PSYCHOLOGY AND BUSINESS:

Hollingworth,—Advertising and Selling.
Scott,—Psychology of Advertising.
Scott,—Theory of Advertising.
Strong,—Relative Merits of Advertisements.
Muensterberg,—Psychology and Industrial Efficiency.
Scott,—Influencing Men in Business.
Parsons,—Principles of Arrangement.
Hotchkiss,—Business Correspondence.
Various Business Periodicals.

PSYCHOLOGY AND INDUSTRY:

Gilbreth,—Psychology of Management.
Bloomfield,—Vocational Guidance of Youth.
Scott,—Increasing Human Efficiency.
—Muensterberg,—Psychotechnik.
Frederick,—The New Housekeeping.
Emerson,—Twelve Principles of Efficiency.
Taylor,—Principles of Scientific Management.
Muensterberg,—Psychology and Industrial Efficiency.
Bogardus,—Relation of Fatigue to Industrial Accidents.

PSYCHOLOGY OF PERSONAL EFFICIENCY:

Book,—The Psychology of Skill.
Bryan and Harter,—Learning the Telegraphic Language (Psych. Rev. V, 4)
James,—The Energies of Men
James,—Principles of Psychology, Chapt. on "Habit."
Marsh,—The Diurnal Course of Efficiency.
—Myers,—Experimental Psychology, Chapt. XIV.
—Ladd and Woodworth,—Physiological Psychology, Chapt. VIII.
Scott,—Increasing Human Efficiency.

Swift,—Mind in the Making, Chapt. VI.
Heck,—Mental Discipline.
Thorndike,—Educational Psychology, Vols. II, III.
Freud,—Psychopathologie des Alltagslebens.
Hollingworth,—The Influence of Caffein on Efficiency.
Hollingworth,—Variations in Efficiency During the Working Day (Psych. Rev. 1914).
Hollingworth (L. S.),—Functional Periodicity.
Whipple,—Manual of Mental and Physical Tests.
Various books, monographs, articles and chapters on special topics, such as Practise, Transfer, Drugs, Weather, Habit, Attention, Sleep, Memory, Instinct, Nervous Disorders, Management, Work, Fatigue, etc.

PSYCHOLOGY AND LAW:

Gross,—Criminal Psychology.
Muensterberg,—On the Witness Stand.
Lombroso,—The Female Offender.
Ellis,—Man and Woman. Sex and Society.
Coriat,—Abnormal Psychology.
Wigmore,—Psychology of Evidence.
Moore,—Weight and Value of Evidence.
Stern,—Beitrage zur Psychologie der Aussage (Periodical).
Dexter,—Conduct and the Weather.
Jung,—The Association Method (Am. J. Psych.).
Cattell,—Measurement of Accuracy of Recollection (Science, 1895).
Meyer,—Incidental Memory.
Hall,—Adolescence.
Various books on Psychiatry and Defectiveness.
Numerous references on special topics.

PSYCHOLOGY AND MEDICINE:

Brill,—Psychanalysis.
Dubois,—Psychic Treatment of Nervous Disorders.
Muensterberg,—Psychotherapy.
Worcester,—Religion and Medicine.
Moll,—Hypnotism.
Bramwell,—Hypnotism.
Paton,—Psychiatry.
Sidis,—Suggestion.
Hollingworth,—Experimental Psychology and Medicine (Med. Rec. 1913).
Hollingworth,—The Influence of Caffein.
Rivers,—Influence of Alcohol and Other Drugs.

Poffenberger,—The Influence of Strychnine (Am. J. Psych. 1914).
Janet,—Major Symptoms of Hysteria.
Symposium on "Psychology and Medicine" (J. Am. Med. Assoc. 1912).
Wells,—Advancement of Psychological Medicine (Pop. Sci. Mo. Jan. 1913).
Woodworth,—Psychiatry and Experimental Psychology.
Hollingworth (L. S.),—Functional Periodicity.

PSYCHOLOGY AND EDUCATION:

Hall,—Adolescence. Youth. Pedagogical Seminar.
Thorndike,—Educational Psychology, 3 Volumes.
Swift,—Mind in the Making.
Colvin,—The Learning Process.
Ruediger,—Principles of Education.
Kirkpatrick,—The Individual in the Making.
Bagley,—The Educative Process.
Baldwin,—Mental Development in the Child and in the Race.
Various numbers of the Teachers College monographs,—by Thorndike, Hillegas, Simpson, etc.
Journal of Educational Psychology.

INDIVIDUAL PSYCHOLOGY:

Binet,—A Method of Measuring the Intelligence of Young Children.
Boas,—The Mind of Primitive Man.
Castle,—A Statistical Study of Eminent Women.
Cattell,—Statistical Studies of American Men of Science.
Dugdale,—The Jukes.
Ellis,—Man and Woman.
Calton,—Hereditary Genius. Inquiry into Human Faculty.
Goddard,—The Kallikak Family.
Huymans and Wiersma,—Beitrage sur Spec. Psychol. (Zeit. f. Psych. 42).
Hollingworth,—Individual Differences as Affected by Practise.
Hollingworth,—Correlation of Abilities as Affected by Practise.
Hollingworth,—Advertising and Selling, last chapter.
Hollingworth (L. S.),—Variability as Related to Sex Differences in Achievement. (Am. J. Sociol. Jan. 1914.)
Hollingworth (L. S.),—Frequency of Amentia as Related to Sex.
James,—Varieties of Religious Experience.
Lombroso,—The Man of Genius.
Pearson,—Various special articles and papers.
Simpson,—The Correlation of Abilities.
Stern,—Die Differentielle Psychologie.

Thorndike,—Educational Psychology, 3 Volumes.
Thorndike,—Individuality.
Thompson,—Mental Traits of Sex.
Ward,—Applied Sociology, special sections.
Whipple,—Manual of Mental and Physical Tests.
Woods,—Mental and Moral Heredity in Royalty.
Woodworth,—Racial Differences in Mental Traits (Science, N. S. Vol. 31).
Various references on Heredity, Eugenics, and Biography.

PERIODICALS BEARING ON APPLIED PSYCHOLOGY:

American Journal of Psychology. Psychological Bulletin.
Psychological Review. Journal of Experimental Psychology.
Pedagogical Seminary. American Journal of Sociology.
Journal of Educational Psychology. Journals of Experimental Pedagogy.
Zeitsch. für Angewandte Psychologie. Beit. z. Psychol. der Aussage.
System. Advertising and Selling. Judicious Advertising. Printers Ink.
Journal of Abnormal Psychology. American Journal of Insanity.
Journal of Criminal Psychology. Various Charities publications.
Training School. Psychological Clinic. Various Medical Journals.

Part II

ABNORMAL PSYCHOLOGY

OUTLINE FOR ABNORMAL PSYCHOLOGY

The course will consist of lectures, reading of clinical cases, visits to hospitals, institutions, clinics and asylums. Outside reading of at least five starred references will be required, in addition to a general paper on some special topic and a class report on some one form of disorder.

CONTENTS OF THE COURSE

1—Value of Knowledge of Pathological Psychology.
2—Normal Mechanisms and Attitudes Magnified in Pathology.
3—History and Changing Conceptions of Insanity and Defectiveness.
4—Symptomatology of Abnormal Psychology.
5—Causes of Abnormality in Consciousness and Conduct.
6—Care and Treatment of the Mentally Abnormal.
7—Classification and Clinical Disease Entities.
8—Distribution of Various Forms of Mental Derangement.
9—Borderline Cases, their Characteristics and Meaning.
10—Idiocy, Imbecility, and Feeblemindedness. Retardation.
11—Intelligence Tests, their Development and Application.
12—Dissociation, meaning, basis, value and application of the Concept.
13—The Hysteria Group. Functional Psychoses.
14—Dementias. Dementia Præcox. Senile Dementia.
15—Manic-Depressive Insanity.
16—Paranoia and Paranoid States.
17—General Paralysis. Paresis.
18—Thyroid Psychoses.
19—Toxic and Febrile Psychoses.
20—Immediate and Temporary Effects of Drugs.
21—Epilepsy and its Psychic Equivalents.
22—Aphasia, Apraxia, Alexia, Amusia, Astereognosis, etc.
23—Heredity and Eugenics.
24—Social and Legal Aspects of Abnormality.
25—Special Topics and Papers.

TOPICS SUGGESTED FOR SPECIAL PAPERS

1—Stigmata of Degeneration.
2—Insanity and Genius.
3—Prodigies and Idiots Savants.

4—Crime and Mental Deficiency.
5—Heredity and Degeneracy.
6—Pathology and Education.
7—Psychopathology of Daily Life.
8—History of Psychiatry.
9—Economic and Social Aspects of Insanity.
10—Experimental Psychology and Psychiatry.
11—Psychotherapy.
12—Methods and Results of Psychanalysis.
13—History of Hypnotism.
14—The "Occult." Psychical Research.
15—The Status of the Subconscious.
16—Statistics of Insanity.
17—Psychiatry and Systematic Psychology.
18—Legal Definition and Status of Insanity.
20—History of Education of Defectives.
21—Interpretations of Aphasia.
22—Moral Insanity and Born Criminals.
23—The Doctrine of Sublimation.
24—Immediate Effects of Drugs.
25—History of Mental Tests.
26—History and Principle of the Form Board.
27—Physiological Education of Defectives.
28—The Heredity of Mental Characteristics.
29—Thinking Animals and Similar Phenomena.
30—Graded Tests for Intelligence of Adults.